



GCIRC Technical Meeting Cambridge UK 2025 – April 8th – 10th, 2025

GCIRC Programme Jesus College Cambridge UK 2025			
Date	Time	Topic	
Tuesday April 8	10,00	Depart from Jesus College for Farm Trip Park Farm Thorney (Reservation required)	
	17,00	Return to Jesus College	
Wednesday April 9	9,00	Welcome GCIRC	Presidential Team
		Houskeeping	Colin Peters
	<i>Session 1</i>		
	9,15	Oral 1 - 20 mins	Importance of agricultural emissions of rapeseed production - importance for biofuel manufacturing. Adam Stepien
	9,40	Oral 2 – 20 mins	How to achieve high winter oilseed rape yields with low greenhouse gas emissions - Christina Baxter
	10,05	Oral 3 – 20 mins	Implications of climate change for pest and diseases of oilseeds – Bruce Fitt
	10,30	General Discussion	
	10,45	Coffee/drinks	
	11,15	GCIRC General Assembly	
	12,45	Lunch	
	<i>Session 2</i>		
	13,40	Oral 7 – 20 mins	Adapting Canola to Changing Agricultural Systems - Matthew Nelson
	14,05	Oral 8 – 20 mins	Leveraging phenotypic plasticity in seed oil content for climate-adapted breeding and production of rapeseed - Liang Guo
	14,30	Short oral 9 – 10 mins	Assessing multiple abiotic stress tolerance in diverse genotypes of Indian mustard (<i>Brassica juncea</i> L. Czern & Coss.) - Kartikeya Srivastava
14,45	General Discussion		

	15,00	Coffee/drinks	
	Session 3		
	15,30	Get involved – hybrid rape review: Yves Devisme	
	15,40	Short oral 11 – 10 mins	Prospects of using the Brassica oleracea gene pool in oilseed B. napus breeding - Habibur Rahman
	15,55	Short oral 12 – 10 mins	Identifying germplasm for resistance to blackleg and Verticillium stripe diseases and mapping molecular markers for marker-assisted selection - Mukhlesur Rahman
	16,10	Short oral 13 – 10 mins	Brassica napus surface wax: understanding and manipulating surface chemistry for crop improvement – Mark Smith
	16,25	General Discussion	
	16,45	GE panel, open forum – How can science and policy work together to facilitate the uptake of precision-bred crops, details to be confirmed.	
	18,15	Close for the day	
19,30	Gala Dinner – (Dress code : Formal but feel free to wear National Costumes)		
Session 4			
Thursday April 10	8,45	Oral 4 – 20 mins	Nitrogen Use Efficiency in spring canola: Steps towards getting more from less - Sally Vail
	9,10	Oral 5 – 20 mins	Designing a new method for improving the management of nitrogen fertilization in winter oilseed rape - Emile Lerebour
	9,35	Short oral 6 – 10 mins	Nitrogen Utilisation Efficiency in Indian mustard (Brassica juncea L. Czern & Coss.) genotypes for better N Economy - Dhiraj Singh
	9,50	Short oral 26 – 10 mins	Sustainable winter rapeseed production by breeding for Nitrogen use efficiency and by optimizing its cultivation system - Andreas Stahl
	10,05	Short oral 27 – 10 mins	Increased nitrogen availability and biodiversity in organic winter oilseed rape by intercropping annual legume companion crops - Ann-Charlotte Wallenhammar
	10,10	General Discussion	
	10,25	Coffee	
	Session 5		
	10,40	Oral 14 – 20 mins	Present and emerging biotic stress challenges of oilseed Brassica in India - Pankaj Sharma
	11,05	Oral 15 – 20 mins	Improving oilseed rape performance through the implementation of an agroecological management strategy for cabbage stem flea beetle - Nicolas Cerrutti
	11,30	Oral 16 - 20 mins	Next-Gen IPM for pests of oilseed rape – Samantha Cook
	11,55	Oral 17 – 20 mins	Integrating sustainability criteria into rapeseed variety performance testing. An on-farm research network to assess variety pest tolerance - Eve-Anne Laurent
12,20	Short oral 18 - 10 mins	Feeling the weather: changes and implications in phoma stem canker and light leaf spot pathogen spore release under different weather conditions - Yongju Huang	

12,35	General Discussion	
12,50	Lunch	
Session 6		
13,45	Short oral 19 – 10 mins	First detections of <i>Plenodomus biglobosus</i> (<i>Leptosphaeria biglobosa</i>) ‘canadensis’ and new azole-insensitive <i>P. lingam</i> (<i>L. maculans</i>) isolates in western Europe - Kevin King
14,00	Short oral 20 – 10 mins	Validation of novel DArTseq-derived molecular markers for blackleg resistance identification in rapeseed (<i>Brassica napus</i> L.) using PCR - Janetta Niemann
14,15	Short oral 21 – 10 mins	Temperature-sensitivity of resistance against phoma stem canker in oilseed rape - Henrik Stotz
14,30	Short oral 22 – 10 mins	Restoration of agricultural land exposed to military impact by phytoremediation with oilseeds - Petro Vyshnivskiy
14,45	Short oral 23 – 10 mins	AI detection of light leaf spot in winter oilseed rape varieties – Marian Thorsted
15,00	Short oral 24 – 10 mins	Regulation of dormancy and germination of inoculum of <i>Plasmodiophora brassicae</i> and <i>Verticillium longisporum</i> in the soil - Andreas von Tiedemann
15,15	Oral 25 – 20 mins	Optimising intercropping for oilseed rape – Ivan Hiltbold and Alice Baux
15,40	General Discussion	
15,50	Coffee/Drinks	
16,00	General Discussion, Opportunities for collaboration towards the Congress	
	Close	

Posters, Jesus College Wednesday and Thursday
Breeding rapeseed for future climates - Dragana Rajković
Efficient nitrogen use in selected winter oilseed rape varieties - David Bečka
Using <i>Brassica napus</i> phytoremediation biomass for sustainable biofuel production - Ana Marjanović Jeromela
Bioproducts and their potential in protection of <i>Brassica napus</i> L. against <i>Verticillium longisporum</i> - Veronika Konradová
New understanding of IPM control measures for csfb - Colin Peters
Scoring for stem health reveals a by now unexplored major resistance locus against blackleg disease in rapeseed breeding. - Steffen Rietz
Undercropping options for winter rapeseed in relation to herbicide treatment - Lucie Bečková
Change in oilseed rape stem weevils' time of occurrence - Željko Milovac
Heat-induced aggregation and gelation of rapeseed cruciferin and napin - Colleen Mudau
Characterization of <i>Plenodomus lingam</i> races in Swedish winter oil seed rape - Ann-Charlotte Wallenhammar
Expanding the toolkit for breeding sclerotinia stem rot resistance and other traits in canola - Mark Derbyshire